



Somerset County 4-H Presents:

4-H Science-sational Day



FUN, Hands-On Science Workshops
Parents may attend with children

April 11, 2015
9:15 am - 1:30 pm

For Grades 1 - 5

Register by April 1 or earlier!

Space is limited to the first 200 participants!

Ted Blum 4-H Center, 310 Milltown Road, Bridgewater, NJ 08807
908-526-6644

April 11, 2015
4-H Science-sational Day
Workshop Descriptions for Grades 1 - 5

1. Bow-Wow Biscuits (Grades 1-3)

Treat your "best friend" to your own homemade dog biscuits or donate your biscuits to the local shelter. Meet Henry the Golden-Doodle who is training to be a therapy dog.

2. That Makes Sense! (Grades 1-4)

Can you really tell the difference between sweet and sour? Can you feel the difference between hard and soft. Can your eyes see through an optical illusion? Learn about your 5 senses and see if a rose really does smell like a rose!

3. Frogs, Lizards, Snakes, oh my! (Grades 1-5)

Explore and discover some interesting facts about reptiles and amphibians. The 4-H Sidewinders Herpetology Club will present a live demo and talk about their various cold blooded pets.

4. Got Glue? (Grades 1-5)

Make a non-toxic milk-based glue with the Woolly Ones Sheep Club! Learn about fiber and other products, besides wool, that are made from sheep.

5. Now You See It... (Grades 1-5)

It's called Magic. Is it really just a slight of hand being performed by a magician or is it science that anyone can learn? Enter the world of illusion as you explore the science of magic.

6. Panning for Gems (Grades 1-5)

Learn all about rocks and minerals. You may be surprised what some look like and where they're found. Find a gem and take it home.

7. Try It - Fly It! (Grades 1-5)

Make your own Glider and learn how to fly it and land it on a simulated runway. You will learn lots of facts about airplanes!

8. Feeding Your Brain (Grades 1-5)

Join the NJ Dairy Princess as she explores all the different dairy products that help keep our brains happy and healthy. Experiment to discover what's in the milk you drink!

9. Can You Kazoo? (Grades 1-5)

Join the Band! Make a kazoo and learn to play it too!

10. Colder Than Ice (Grades 2-4)

Learn the differences between dry ice and water ice. Which is colder, which freezes faster? Find out which will inflate a balloon, sing, extinguish a candle, make foam and more!

11. Wacky Weather (Grades 3-5)

Let's look at our "wacky" world of weather. Learn about water cycles, cloud formations, pressure and all types of weather. This workshop will NOT rain on your parade!

12. The Tooth About Sharks (Grades 3-5)

Learn the "tooth" about sharks - are they heartless killers or an ancient fish to be respected? We'll de-bunk myths, identify shark parts, check out some shark jaws and hunt for a millions-year-old fossil to take home.

13. Build Your Own Wind "Boat" (Grades 3-5)

Design your own wind "boat" and see it glide along the ground. How far will it go? How fast will it be? How straight will it stay? It's all in the aerodynamics and your imagination.

14. Science You Eat (Grades 3-5)

Can you put ice cream in the oven and keep it frozen? With the help of a secret ingredient, you can! Learn the science behind this unique dessert and discover how it's possible as you make your own Baked Alaska, a magical treat that is both hot and cold at the same time! ****Food allergy alert!** We will be baking with and consuming eggs in this workshop.

15. Blast Off! (Grades 4-5)

Be a real rocket scientist and build a fully functional model rocket. Participants will construct their very own rockets while learning all about them.

Space is limited to first 200 participants!!

Register early!



Registration Form

Please use a separate form for each person. PRINT NEATLY!

Name _____ Grade _____ Boy ____ Girl ____ 4-H Member? Yes No

Mailing Address _____ City _____ Zip _____ Phone _____

Email _____

Is parent attending? Yes No Have you ever been to 4-H Science-sational day before? Yes No

Workshop Choices. Read the descriptions of the workshops and **make the following 6 choices**. We will assign you to 3 of your chosen workshops. Fill in boxes with workshop numbers found with the workshop descriptions.

Workshop Fee (grades 1 - 5):

\$25.00 first child \$ _____

\$20.00 each additional sibling \$ _____
(# of siblings _____) please register workshops on separate form

Scholarships available - contact 4-H Office

908-526-6644

email: somersetcounty4h@co.somerset.nj.us

Total enclosed \$ _____

Lunch is not provided. Please send your child with lunch and a drink.

Please note: Pictures are taken throughout the day to be used for display and promotional materials. By allowing your child to attend this program, you acknowledge permission to use photos for display and promotional purposes.

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Pre-registration is required. No confirmation will be sent. Mail completed form(s) with check (payable to Somerset County 4-H) by April 1 to:

**Somerset County 4-H
310 Milltown Road
Bridgewater, NJ 08807**